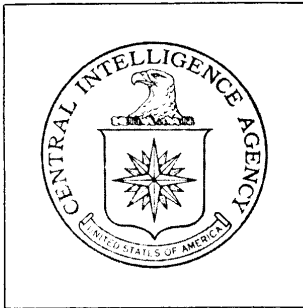


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DIRECTORATE OF
INTELLIGENCE

Industrial Facilities (Non-Military)

Basic Imagery Interpretation Report

Glass Plant, Nampo, North Korea

(Formerly Nampo Nonferrous Metals Plant)

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DATE FEBRUARY 1970

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CENTRAL INTELLIGENCE AGENCY

Directorate of Intelligence

Imagery Analysis Service

INSTALLATION OR ACTIVITY NAME		COUNTRY	
Nampo Nonferrous Metals Plant*		KN	
UTM COORDINATES	GEOGRAPHIC COORDINATES	COMIREX NO.	NIETB NO.
51SYC064880	38-43-10N 125-22-29E	None	None
MAP REFERENCE			
USN00. USATC, Series 200, Sheet M0380-7HL, 4th ed, Nov 68, Scale 1:200,000			
(SECRET)			
LATEST IMAGERY USED		NEGATION DATE (If required)	
		NA	

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*Action has been initiated to have the Nampo Nonferrous Metals Plant dropped from the Basic Encyclopedia because the facilities are now used by the collocated Nampo Glass and Optical Instruments Plant, which is listed in the BE.

ABSTRACT

This installation is no longer a nonferrous metals plant. All available photography from May 1963 through August 1969 shows that the plant produces glass products. Its products are reported to be bottles, jars, plate glass, glass fiber, glass bricks, chinaware, and lenses.

According to collateral information, the plant was built in the early 1940's to produce aluminum, but in 1945 the Soviets removed all the equipment. Reportedly, the plant facilities have been used for glass production by the collocated Nampo Glass and Optical Instruments Plant since 1948, except for a period when they were damaged during the Korean War.

This report presents a description of the plant and its present production activities together with an annotated photograph.

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INTRODUCTION

This installation is in the southwestern section of Nampo, adjacent to the Taedong River (see Figure 1). It was reportedly built by the Japanese in the early 1940's for the production of aluminum. In late 1945, however, the Soviets removed all the equipment from the plant, and by 1948 the buildings were being used by the collocated Nampo Glass and Optical Instruments Plant for the manufacture of various types of glass products. ^{1/} The buildings of both plants were reportedly heavily damaged during the Korean War. Afterward they were reconstructed, and by about 1955 they were being used for glass production again. ^{2/}

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BASIC DESCRIPTION

The plant area is about 1,500 feet square and contains about 50 acres. The northern boundary is secured by a wall, and the Taedong River forms a natural boundary along the southern and western perimeters of the plant. Remnants of a wall separate the former nonferrous metals plant from the glass plant to the south-east. The installation is road and rail served.

A correlation of photography and collateral information indicates that the major glass-producing facilities within the plants are a plate glass shop, a probable bottle production facility, a probable glass and optical instruments facility, and two probable chinaware production buildings. ^{2/} The probable chinaware production buildings were formerly used as potrooms for the electrolytic production of aluminum. Their present function is indicated by the presence of glass products nearby and the general appearance of the surrounding area.

The major products of the plants at present are reported to be bottles, plate glass, glass fiber, glass bricks, chinaware, and lenses. ^{2/}

The plants appeared to be complete when they were first observed in May 1963, and only a few support buildings have been added since that time. The facilities appeared to be in operation on all high-resolution photography utilized, as indicated by the presence of rail cars and trucks, a variation in the amount of glass products in the storage areas, loading activity in the silica storage area, and the overall appearance of the facilities. Smoke was first observed within the plant in August 1969 when smoke was issuing from the stack associated with the probable bottle production facility.

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REFERENCES

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Ground Photography

<u>Agency</u>	<u>Accession No.</u>	<u>Date</u>	<u>Classification</u>
CIA	287327	1956	CONFIDENTIAL
CIA	294185	--	Official Use Only
CIA	294186	--	Official Use Only
CIA	354202	--	Official Use Only

Map

USN00. USATC, Series 200, Sheet M0380-7HL, 4th ed, Nov 68, Scale 1:200,000
(SECRET)

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Documents

1. ZGBI. 99-Weeks 56, 15 Jan 49 (UNCLASSIFIED)
2. Army, Pacific Command. F-15794, IR GAR IV 86/58, Chinnampo Glass Factory, 15 Aug 58 (CONFIDENTIAL)

Requirement

COMIREX NO2
Support No. 420105

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